RAW SEQUENCE LISTING

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Application Serial Number: _____ 10/511, 990 _____

Source: _____ PCT _____

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RAW SEQUENCE LISTING   DATE: 02/02/2006
PATENT APPLICATION: US/10/511,990   TIME: 12:32:10

Input Set : **A:\73236_SeqList.txt**
Output Set: **N:\CRF4\02022006\J511990.raw**

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 3 <110> APPLICANT: Abraham Loyter
 4        Adolf Graessman
 5        Ahuva Nissim
 6        Alexander Krichevsky
 7        Nechama Zakai
 9 <120> TITLE OF INVENTION: ANTI-NLS SCFV AND PEPTIDES AND USES THEREOF IN NUCLEAR
IMPORT INHIBITION
11 <130> FILE REFERENCE: 73236/JPW/JW
13 <140> CURRENT APPLICATION NUMBER: US 10/511,990
14 <141> CURRENT FILING DATE: 2004-10-21
16 <150> PRIOR APPLICATION NUMBER: PCT/IL2003/000328
17 <151> PRIOR FILING DATE: 2003-04-21
19 <150> PRIOR APPLICATION NUMBER: IL 149279
20 <151> PRIOR FILING DATE: 2002-04-22
22 <160> NUMBER OF SEQ ID NOS: 16
24 <170> SOFTWARE: PatentIn version 3.3
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 12
28 <212> TYPE: DNA
29 <213> ORGANISM: Artificial Sequence
31 <220> FEATURE:
32 <223> OTHER INFORMATION: Random insert of CDR3 region from peptide library - Ab1 DNA
34 <400> SEQUENCE: 1
35 attagtagtg at                                                        12
38 <210> SEQ ID NO: 2
39 <211> LENGTH: 4
40 <212> TYPE: PRT
41 <213> ORGANISM: Artificial Sequence
43 <220> FEATURE:
44 <223> OTHER INFORMATION: CDR3 random insert of Ab1
46 <400> SEQUENCE: 2
48 Ile Ser Ser Asp
49 1
52 <210> SEQ ID NO: 3
53 <211> LENGTH: 33
54 <212> TYPE: DNA
55 <213> ORGANISM: Artificial Sequence
57 <220> FEATURE:
58 <223> OTHER INFORMATION: CDR3 random insert of Ab2 DNA
60 <400> SEQUENCE: 3
61 gctttttatga agagtggtaa gcgttttatt cat                                33
64 <210> SEQ ID NO: 4
65 <211> LENGTH: 11
66 <212> TYPE: PRT
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67 <213> ORGANISM: Artificial Sequence
69 <220> FEATURE:
70 <223> OTHER INFORMATION: CDR3 random insert sequence of Ab2
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75 1   5   10
78 <210> SEQ ID NO: 5
79 <211> LENGTH: 33
80 <212> TYPE: DNA
81 <213> ORGANISM: Artificial Sequence
83 <220> FEATURE:
84 <223> OTHER INFORMATION: CDR3 random insert sequence of Ab3 DNA
86 <400> SEQUENCE: 5
87 cattttcatt ataagggtaa gcttcagacg ttt   33
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91 <211> LENGTH: 11
92 <212> TYPE: PRT
93 <213> ORGANISM: Artificial Sequence
95 <220> FEATURE:
96 <223> OTHER INFORMATION: CDR3 random insert of Ab3
98 <400> SEQUENCE: 6
100 His Phe His Tyr Lys Gly Lys Leu Gln Thr Phe
101 1   5   10
104 <210> SEQ ID NO: 7
105 <211> LENGTH: 8
106 <212> TYPE: PRT
107 <213> ORGANISM: Artificial Sequence
109 <220> FEATURE:
110 <223> OTHER INFORMATION: SV40-NLS with extra C
112 <400> SEQUENCE: 7
114 Pro Lys Lys Lys Arg Lys Val Cys
115 1   5
118 <210> SEQ ID NO: 8
119 <211> LENGTH: 9
120 <212> TYPE: PRT
121 <213> ORGANISM: Artificial Sequence
123 <220> FEATURE:
124 <223> OTHER INFORMATION: SV40-NLS-reverse with extra C
126 <400> SEQUENCE: 8
128 Cys Val Lys Arg Lys Lys Lys Pro Gly
129 1   5
132 <210> SEQ ID NO: 9
133 <211> LENGTH: 20
134 <212> TYPE: PRT
135 <213> ORGANISM: Artificial Sequence
137 <220> FEATURE:
138 <223> OTHER INFORMATION: VprN with extra C
140 <400> SEQUENCE: 9
142 Cys Asn Glu Trp Thr Leu Glu Leu Leu Glu Glu Leu Lys Asn Glu Ala

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143 1                  5                    10                   15
146 Val Arg His Phe
147              20
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151 <211> LENGTH: 21
152 <212> TYPE: PRT
153 <213> ORGANISM: Artificial Sequence
155 <220> FEATURE:
156 <223> OTHER INFORMATION: VprC with extra C
158 <400> SEQUENCE: 10
160 Cys Arg His Ser Arg Ile Gly Val Thr Arg Gln Arg Arg Ala Arg Asn
161 1                  5                    10                   15
164 Gly Ala Ser Arg Ser
165              20
168 <210> SEQ ID NO: 11
169 <211> LENGTH: 20
170 <212> TYPE: PRT
171 <213> ORGANISM: Artificial Sequence
173 <220> FEATURE:
174 <223> OTHER INFORMATION: VprN mutant with extra C
176 <400> SEQUENCE: 11
178 Cys Asn Glu Ala Thr Leu Glu Leu Leu Pro Glu Leu Lys Asn Pro Ala
179 1                  5                    10                   15
182 Val Arg His Phe
183              20
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187 <211> LENGTH: 15
188 <212> TYPE: PRT
189 <213> ORGANISM: Artificial Sequence
191 <220> FEATURE:
192 <223> OTHER INFORMATION: ARM with extra C
194 <400> SEQUENCE: 12
196 Cys Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Ala His Gln Asn
197 1                  5                    10                   15
200 <210> SEQ ID NO: 13
201 <211> LENGTH: 6
202 <212> TYPE: PRT
203 <213> ORGANISM: Artificial Sequence
205 <220> FEATURE:
206 <223> OTHER INFORMATION: Tat short NLS
208 <400> SEQUENCE: 13
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211 1                  5
214 <210> SEQ ID NO: 14
215 <211> LENGTH: 17
216 <212> TYPE: DNA
217 <213> ORGANISM: Artificial Sequence
219 <220> FEATURE:
220 <223> OTHER INFORMATION: primer LMB3
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                Input Set : A:\73236_SeqList.txt
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222 <400> SEQUENCE: 14
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226 <210> SEQ ID NO: 15
227 <211> LENGTH: 17
228 <212> TYPE: DNA
229 <213> ORGANISM: Artificial Sequence
231 <220> FEATURE:
232 <223> OTHER INFORMATION: PCR primer fdSEQ
234 <400> SEQUENCE: 15
235 gaattttctg tatgagg   17
238 <210> SEQ ID NO: 16
239 <211> LENGTH: 20
240 <212> TYPE: PRT
241 <213> ORGANISM: bacteriophage fd
243 <400> SEQUENCE: 16
245 Ala Glu Gly Asp Asp Pro Ala Lys Ala Ala Phe Asp Ser Leu Gln Ala
246 1   5   10   15
249 Ser Ala Thr Glu
250   20

VERIFICATION SUMMARY
PATENT APPLICATION: **US/10/511,990**

DATE: 02/02/2006
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